VII. CLAIMS

Changed:

Claim 1: "web" to "with standard Java on the Internet"

Added:

Claim 1: "that has the capability to connect to the Internet and run a Java-enabled Internet browser"

Changed:

Claim 2: "building web sites or web services with virtual reality environment" to "Java-based virtual reality environment enabled web services and/or web sites"

Changed:

Claim 3: "(a) first means [input devices] for acquiring input from users; (b) second means [output devices] for displaying information;" to "comprising virtual reality input device such as virtual reality gloves and movement sensors and virtual reality out device such as tactile output and 3D display;"

Claim 4: "displaying virtual reality environment; means for building virtual reality web sites or virtual environment; and means for delivering the virtual environment via Internet." to "using server-side script and/or code to build HTML pages embedded with map data and display a representation of the map data as a virtual reality environment via the Internet using standard Java; means for building and displaying virtual reality web sites or virtual reality environments with standard Java using texture mapping;'

Changed:

Claim 5: "wherein said program further comprises means [a conversation-like password verification system]" to "further comprises means for using a conversation-like password verification system for user verification"

Claim 6: "program further comprises means [an interaction system] for allowing multiple users to interact each other." to "computer program further comprises an interaction system for allowing multiple users to interact each other."

Claim 7: "program further comprises means [an interaction system] for allowing a user to assign a virtual entity to represent said user." to "computer program further comprises an interaction system for allowing a user to assign a virtual entity to represent said user.".

Added:

VIII. HARDWARE/SOFTWARE REQUIREMENTS

The patent application included a CD with all the source code and/or object code and the entire database files required to build the virtual environment described in it. To run the application, all the files should be uploaded into a server just like other Internet applications. The active server pages (.asp) codes require a Windows server (running PWS or IIS) with database capability or other kind of servers running the appropriate software to run the asp codes and access the database files. The easiest way to do it is by using an FTP program to upload all the files to a directory in a server (preferably a Windows server with asp and database capability). Once all the files are online, any computer system capable to run a browser with Java virtual machine can view the website by accessing the Internet address associated with the directory. Another way to do it is by configuring our own server by installing the required components (IIS for NT and PWS for Windows 98) and then copies all the files into the server directory. We can run the software in that server with a browser by accessing IP address 127.0.0.1. A virtual environment built with the proposed architecture can be viewed at http://www.acella.com/cns/website/supermarket/.